

Title (en)

ULTRASONOGRAPHIC DEVICE, ULTRASONOGRAPHIC DEVICE DATA PROCESSING METHOD

Title (de)

ULTRASCHALLGERÄT SOWIE DATENVERARBEITUNGSVERFAHREN FÜR DAS ULTRASCHALLGERÄT

Title (fr)

DISPOSITIF ÉCHOGRAPHIQUE, PROCÉDÉ DE TRAITEMENT DE DONNÉES DE DISPOSITIF ÉCHOGRAPHIQUE

Publication

EP 2324769 A4 20150121 (EN)

Application

EP 09812985 A 20090820

Priority

- JP 2009064576 W 20090820
- JP 2008230428 A 20080909

Abstract (en)

[origin: EP2324769A1] An ultrasonic diagnostic apparatus having an ultrasonic probe for transmitting an ultrasonic beam to an examinee and receiving a reflection echo signal from the examinee, a beam forming unit for supplying the ultrasonic probe with a signal for making the ultrasonic probe transmit an ultrasonic beam, and a data converter for digitalizing the reflection echo signal to obtain echo data, and converting the echo data to ultrasonic image data including a setting unit that sets measurement mode data of the ultrasonic image data in the echo data, and a controller that creates a data set while appending the measurement mode data and the echo data, transferring the data set to the data converter, makes the data converter analyze the measurement mode data in the data set, and controls the data converter so that echo data in the data set are converted to ultrasonic image data on the basis of the analyzed measurement mode data.

IPC 8 full level

A61B 8/00 (2006.01); **A61B 8/08** (2006.01); **G06F 19/00** (2011.01)

CPC (source: EP US)

A61B 8/14 (2013.01 - EP US); **A61B 8/52** (2013.01 - EP US); **A61B 8/5207** (2013.01 - EP US); **A61B 8/5238** (2013.01 - EP US); **G01S 7/52034** (2013.01 - EP US); **G01S 15/8906** (2013.01 - EP US); **H04L 67/12** (2013.01 - EP US); **H04L 69/324** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09812985 A 20090820; CN 200980134507 A 20090820; JP 2009064576 W 20090820; JP 2010528697 A 20090820; US 200913062836 A 20090820